



State of Utah

Department of
Environmental Quality

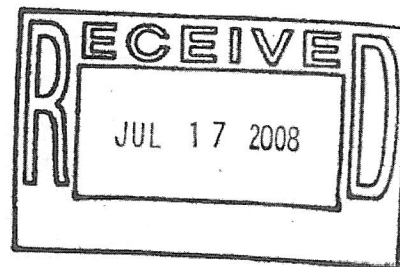
Richard W. Sprott
Executive Director

DIVISION OF WATER QUALITY
Walter L. Baker, P.E.
Director

JON M. HUNTSMAN, JR.
Governor

GARY HERBERT
Lieutenant Governor

July 14, 2008



Jason A. Gipson
Chief, Nevada-Utah Regulatory Branch
533 West 2600 South, Suite 150
Bountiful, Utah 84010

Dear Mr. Gipson:

Subject: Water Quality Certification
404 Permit Application No. 200450362

Applicant: Utah Department of Transportation, Region 3
Attn: Merrell Jolley
658 North 1500 West
Orem, Utah 84057

Location: Interstate 15 in Utah County from interchange U.S. Route 6 to
Main Street, Exit 278, American Fork, Utah.

Purpose: Construct a roadway improvement project to improve safety,
alleviate traffic congestion and provide a regional traffic solution to accommodate
projected traffic volumes through 2030.

The Utah Division of Water Quality staff has reviewed the referenced information and maps. It is our opinion that applicable water quality standards may be violated unless appropriate Best Management Practices (BMPs) are incorporated to minimize the erosion-sediment load to adjacent surface water during project activities and operation of the facilities. We strongly recommend that appropriate water quality parameters be monitored for effectiveness of sediment control and other applicable BMPs.

Potential impacts from runoff during construction or long-term operation of the facilities may include the degradation of water quality, increased quantities and intensities of peak flows, channel erosion, flooding, and geomorphologic deterioration that may directly or indirectly cause an inability of surface water to maintain its designated beneficial uses.

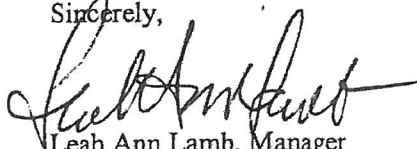
The Division of Water Quality requests the following conditions be included in the permit, as follows:

1. Whenever an applicant causes the water turbidity in an adjacent surface water to increase by 10 NTU's or when turbidity is visibly increased, the applicant shall notify the Division of Water Quality.

2. The applicant shall not use any fill material which may leach organic chemicals (e.g., discarded asphalt) or nutrients (e.g., phosphate rock) into the receiving water.
3. Applicant shall protect any potentially affected fish spawning areas.
4. The following permits from our Division are required during the construction phase of the project:
 - a. Construction activities that grade one acre or more per common plan are required to obtain coverage under the Utah Pollutant Discharge Elimination System (UPDES) Storm Water General Permit for Construction Activities, Permit No. UTR100000. The permit requires the development of a storm water pollution prevention plan to be implemented and updated from the commencement of any grading activities at the site until final stabilization of the project. A fact sheet describing the permit requirements and application procedures is located on our web site waterquality.utah.gov.
 - b. Dewatering activities, if necessary during the construction, may require coverage under the UPDES General Permit for Construction Dewatering, Permit No. UTG070000. The permit requires water quality monitoring every two weeks to ensure that the pumped water is meeting permit effluent limitations, unless the water is managed on the construction site.
5. In addition to these permitting requirements, the Division of Water Quality requires the submission of plan elements for permanent storm water runoff control and treatment.
6. The plan should include BMPs that will require revegetation with native plants in disturbed areas and a buffer strip along the road to filter petroleum, sediment and other contaminants from entering waters of the State.

Pursuant to Section 401(a)(1) of the Federal Water Pollution Control Act, as amended in 1987, it is hereby certified that any discharge resulting from the project will comply with applicable State water quality standards and, based on available information, will comply with applicable provisions of said Act.

Sincerely,



Leah Ann Lamb, Manager
Engineering and Water Quality Branch

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